

SLCWCD

Water Rights

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AGENDA
MEETING WITH STATE ENGINEER
 April 13, 1995

1. SLCWCD Water Demand Projections *20,000 AF Ground-water now will grow to 30,000 AF in future. Problems come about in about 2010.*
2. Discussion of Future Water Supplies
 - a. Ground water
 - b. CUP
 - c. Utah Lake / membrane treatment. *Currently investigating nano-filter treatment 15% brine, 85% production water. They are planning on UL being*
 - d. Bear River *a major supply.*
 - e. Wastewater Effluent
 - f. Conservation *only represents 11% reduction.*

3. Utah Lake Water Issues

District is looking @ purchasing all the companies, central administ,

- a. Our Opposition to Transferring Salt Lake County Irrigation Water to Utah County *Have requested the communities in SL Valley pass ordinances to require stock to be given to cities/district as areas are subdivided.*
- b. Protection of Municipal Status of Irrigation Stock Owned by District and Cities
- c. Impact of Groundwater Development in Utah County on Utah Lake Water Supply
- d. Utah Lake Commissioner Reports /
- e. Increased Jordan River Commissioner Activity to Monitor Tail Water and Avoid Waste

4. SLCWCD Groundwater Development Plans and Proposed Change Applications
 - a. Utah County (Micron) *They have annex about 2,500 acres in N. Utah County, Camp Williams*
 - b. Salt Lake County *Peak daily capacity.*

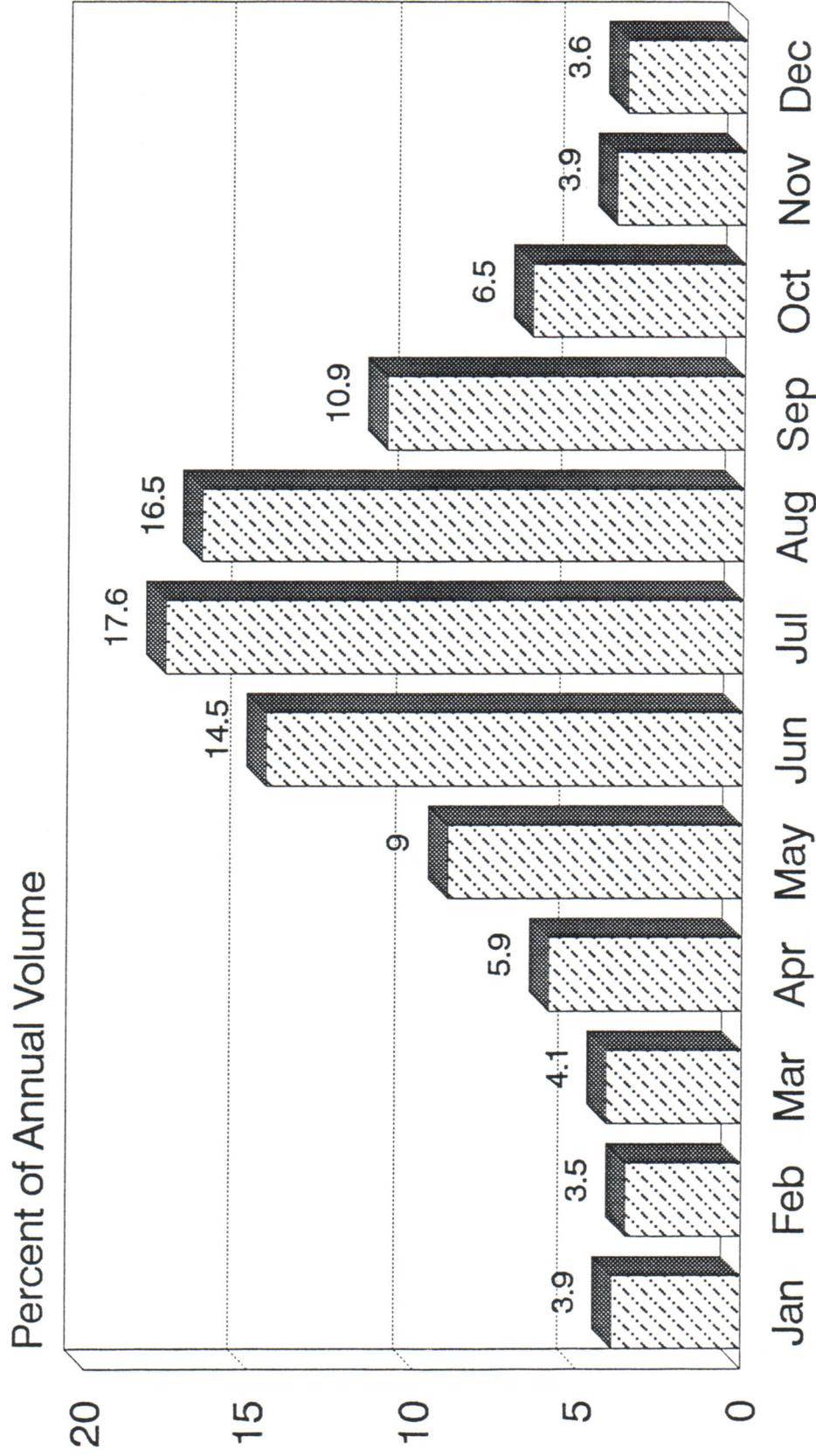
5. Artificial Groundwater Recharge-Aquifer Storage and Recovery (ASR)

Herriman Area

Plan to start serve to Phase I & II of High Country Estates, & start serve to Herriman Pipeline Company.

- a. Findings from 1992-1994 Demonstration Project
 - b. Recommendations on Recovery Credit
- The plan is recharge wells in mgt Area I.*

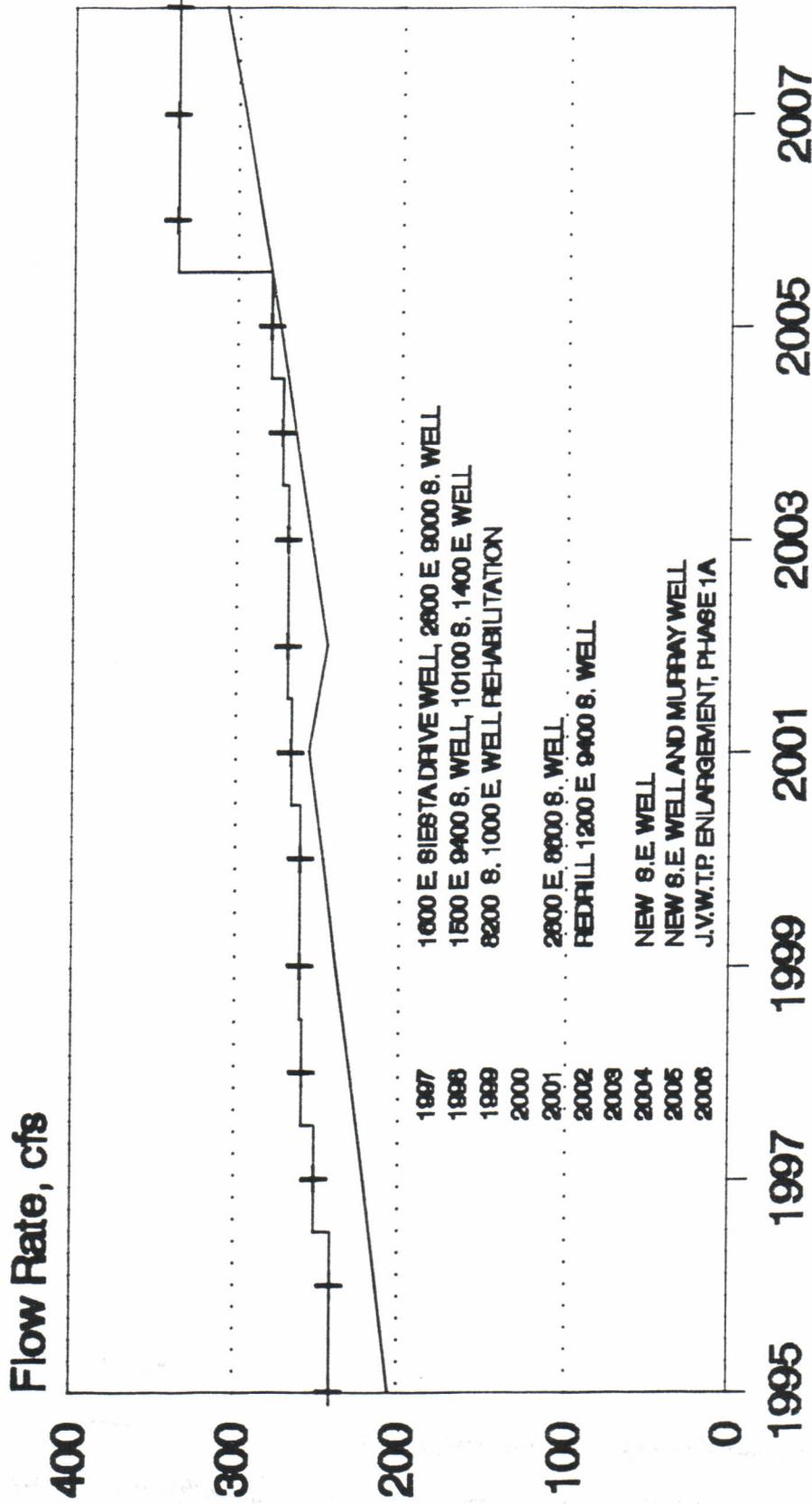
SLCWCD Monthly Demand Distribution Fifteen Year Average



Average for period 1980-1994

Salt Lake County Water Conservancy District Projected Peak Day Demands and Capacity

Handwritten notes:
 1997
 1998
 1999
 2000
 2001
 2002
 2003
 2004
 2005
 2006
 2007

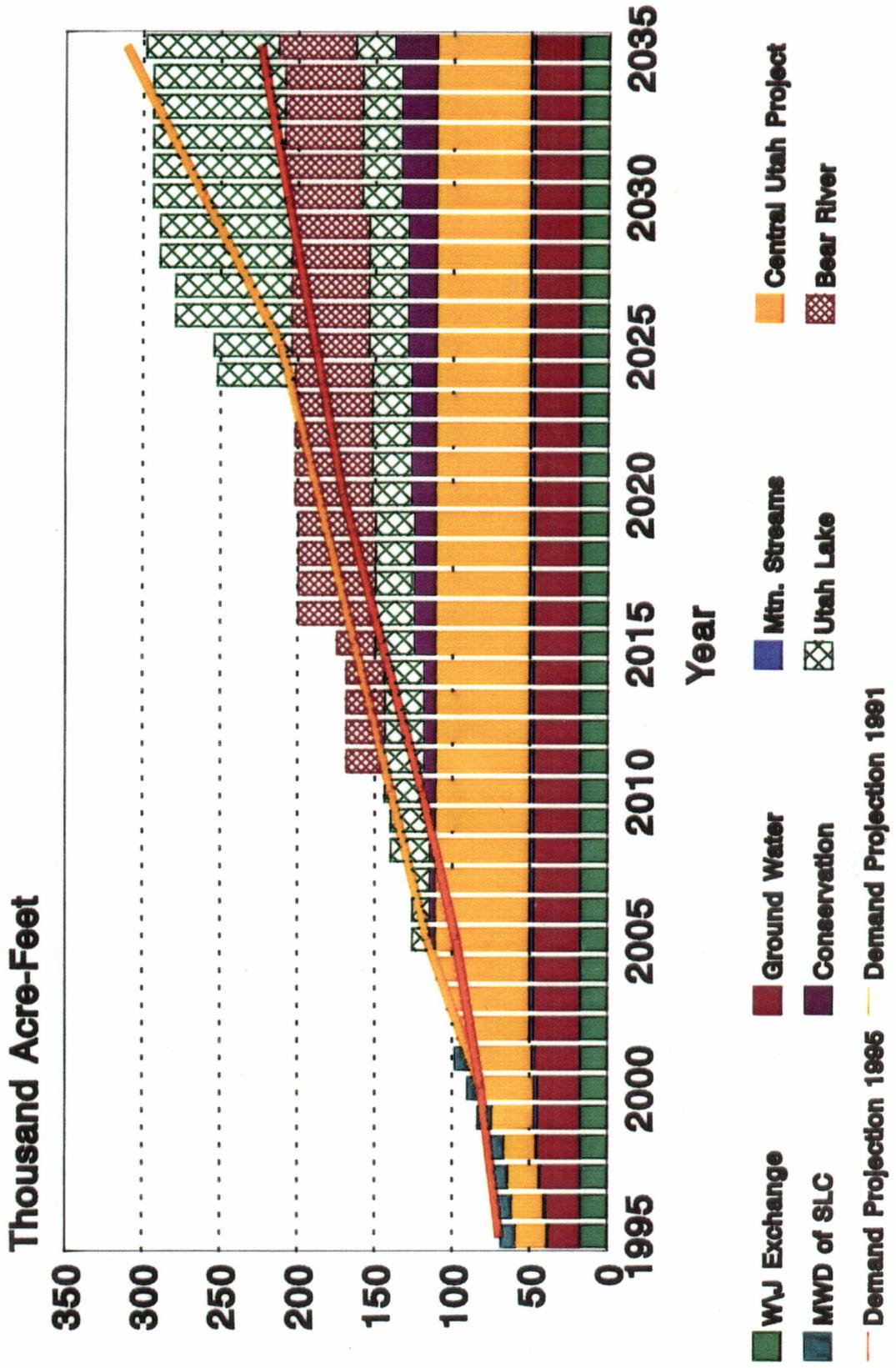


— Peak Day Demand + System Capacity

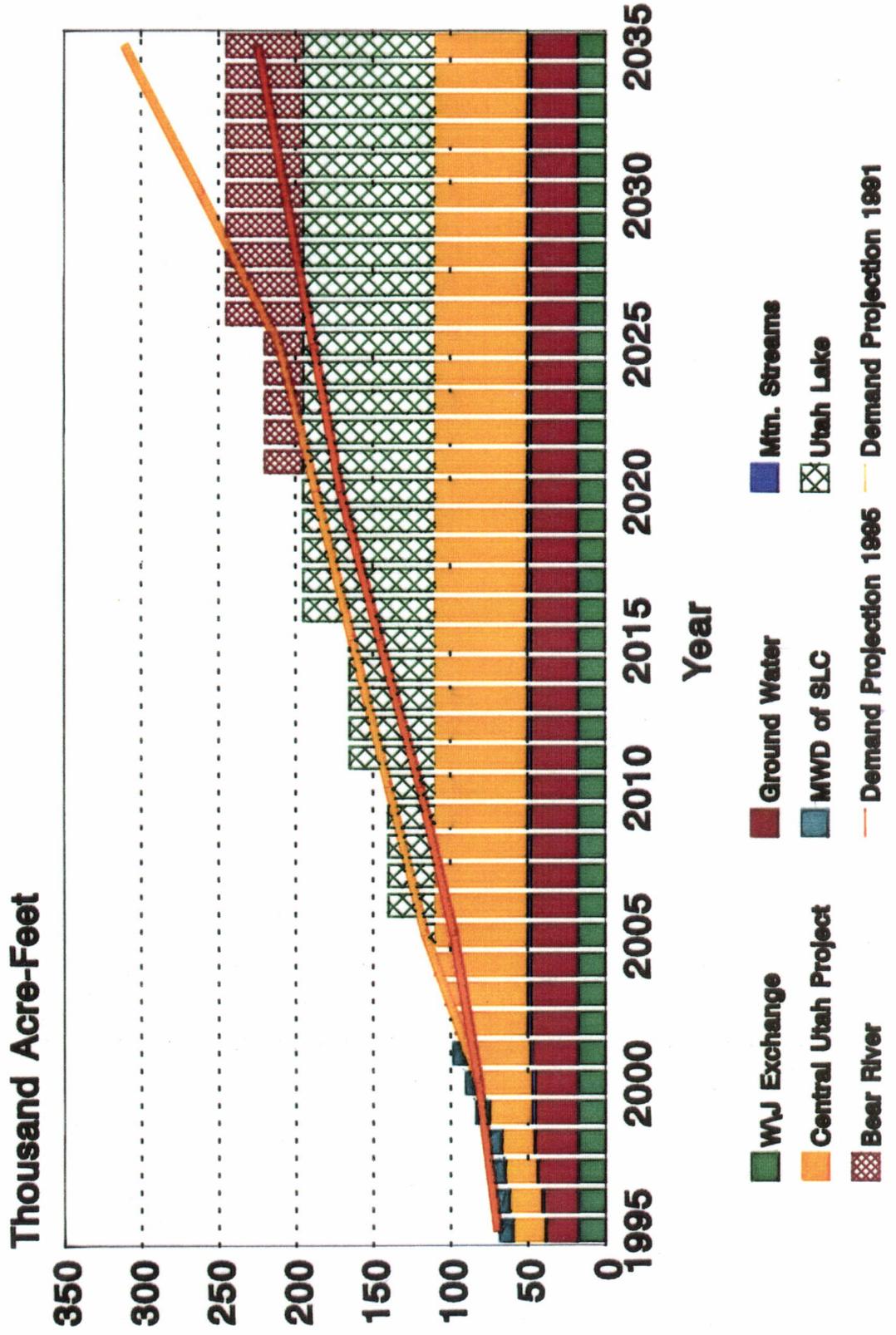
Ground-water development / Displacement of existing uses
Salt Lake County vs. Utah County development.
Commissioner date -

Salt Lake County Water Conservancy District Drought Year Water Supply and Demand Projections

Scenario 3



Salt Lake County Water Conservancy District Drought Year Water Supply and Demand Projections Scenario 2



Salt Lake County Water Conservancy District Drought Year Water Supply and Demand Projections

